



## St. Joseph Harbor, MI

### Harbor Features

- Located on the east shore of Lake Michigan, 60 miles east of Chicago, IL, and 24 miles south of South Haven, MI.
- Authorization: River & Harbor Acts of 3 Mar 1875, 14 Jun 1880, 3 Mar 1899, 30 Aug 1935, 2 Jun 1937, Mar 1945, 3 Jul 1958
- Deep draft commercial harbor
- Project depths of 21 feet in the entrance and inner channel; 18 feet in the inner river channel and turning basin.
- Five year average (2006-2010) tonnage is 450,000 tons of material shipped and received
- Ranked 49<sup>th</sup> among the Great Lakes Harbors based on five year average (2006-2010) tonnage
- Over 5,300 feet of structures including piers and revetments
- Over 1.5 miles of maintained channel
- Outer channel dredged material is used for beach nourishment. Inner channel material is placed upland.
- Major stakeholders include U.S. Coast Guard, Lake Carriers' Association, Lafarge North America, Dock 63, and Central Dock Company.

### Project Requirements

- Approximately 40,000 cubic yards of material must be dredged from the entrance channel annually. Approximately 30,000 to 60,000 cubic yards of material must be dredged from the inner harbor on a 2 to 4 year cycle.
- Emergency dredging of the entrance channel was performed in January 2012 after a storm caused severe shoaling that closed the harbor in December 2011.
- Maintenance dredging of St. Joseph Outer and Inner Harbor was last conducted in 2012.
- Commercial traffic currently not able to access the harbor due to significant shoaling in the mouth of the harbor.



- LaFarge Corp. paid for dredging in December 2012 to open a limited access channel. However, subsequent storms again closed the harbor.

### Consequences of Not Maintaining the Project

- If dredging is not conducted in the spring of 2013, the harbor will remain closed to commercial traffic. The severe shoaling resulted from gale force winds generated by Hurricane Sandy.
- Reduction of bulk commodities that pass through the harbor and generate \$12.2M annually in direct revenue while supporting 324 direct, indirect, and induced jobs that produce over \$21M per year in personal income.
- Light loading; loss of between 4 and 5 feet of channel depth results in increased transportation costs of between \$1.6M and \$2.4M.

**Transportation Importance**

- Regionally significant receiving port on the Great Lakes.
- Commodities received include limestone, sand, gravel, armor stone, cement, slag, salt, and petroleum products.
- Project serves as an important Harbor of Refuge
- Harbor is home to the U.S. Coast Guard Station Saint Joseph.

**U.S. Army Corps of Engineers Fiscal Year (FY) 2012, 2013 and 2014  
St. Joseph Harbor, MI - Project Requirements and President’s Budget (\$1,000)**

<b>Work Package</b>	<b>FY12 Requirement</b>	<b>FY12 Appropriation</b>	<b>FY13 Requirement</b>	<b>FY13 President’s Budget</b>	<b>FY14 Requirement</b>	<b>FY14 President’s Budget</b>
Project Condition Surveys	185		190		190	
Maintenance Dredging of Outer Harbor – Primary Work Package	604	693*	570		570	
Maintenance Dredging of Inner Harbor – Primary Work Package	750		750		740	
Maintenance Dredging – Backlog Work Package	225		225		225	
Emergency Dredging of Outer Harbor		100**				
Structure Repair – by Govt. Floating Plant	280					
Shoreline Mitigation (Court Decision)	750		750			
Sediment Budget Analysis, Section 111	150		150		150	
Structure Repair - by contract			280		280	
<b>TOTALS</b>	<b>3,059</b>	<b>793</b>	<b>2,915</b>	<b>0</b>	<b>2,155</b>	<b>0</b>

\*Provided by National Provision in the FY12 Consolidated Appropriation Bill  
 \*\*Emergency dredging funds provided in December 2011 due to shoaling caused by storm event

**Congressional Interests**

- Representative Fred Upton R-MI-6
- Senator Carl Levin D-MI
- Senator Debbie Stabenow D-MI